Results for "(((optical disk)<in>metadata) <and> (control*<in>metadata)) and (card or boa..." e-mail printer friendly

Your search matched **11** of **1278046** documents.

A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

View Session History

New Search

Modify Search

(((optical disk)<in>metadata) <and> (control*<in>metadata)) and (card or board) <

Check to search only within this results set

Display Format: Citation Citation & Abstract

» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

Select Article Information

1. **An optimal tracking controller design based on the estimation of tracking vibration quantity**
   Moon-Noh Lee; Kyoung Bog Jin;
   Consumer Electronics, IEEE Transactions on
   Volume 51, Issue 2, May 2005 Page(s):478 - 484
   Digital Object Identifier 10.1109/TCE.2005.1467990
   AbstractPlus | Full Text: PDF(193 KB) IEEE JNL

2. **Software architecture for integration of video services in the Etherphone system**
   Rangan, P.V.; Swinehart, D.C.;
   Selected Areas in Communications, IEEE Journal on
   Volume 9, Issue 9, Dec. 1991 Page(s):1395 - 1404
   Digital Object Identifier 10.1109/49.108677
   AbstractPlus | Full Text: PDF(1252 KB) IEEE JNL

3. **90 mm rewritable optical disk drive**
   Nakane, K.; Ogawa, M.; Yoshimoto, K.; Ogura, M.; Kiyose, Y.; Furukawa, T.;
   Consumer Electronics, IEEE Transactions on
   Volume 38, Issue 3, Aug 1992 Page(s):648 - 653
   Digital Object Identifier 10.1109/30.156749
   AbstractPlus | Full Text: PDF(532 KB) IEEE JNL

4. **Asymmetric/unidirectional error correcting and detecting codes**
   Al-Bassam, S.; Bose, B.;
   Computers, IEEE Transactions on
   Volume 43, Issue 5, May 1994 Page(s):590 - 597
   Digital Object Identifier 10.1109/12.280797
   AbstractPlus | Full Text: PDF(680 KB) IEEE JNL

5. **A 3.5 in 230 Mbytes read-channel chip set for magneto-optical disk drives**
   Sang-Soo Lee; Laber, C.A.;
   Very Large Scale Integration (VLSI) Systems, IEEE Transactions on
   Volume 4, Issue 4, Dec. 1996 Page(s):455 - 463
   Digital Object Identifier 10.1109/92.544410
   AbstractPlus | References | Full Text: PDF(888 KB) IEEE JNL

6. **Track-following control for optical disk drives using an iterative learning scheme**
   Jung-Ho Moon; Moon-Noh Lee; Myung Jin Chung; Soo Yul Jung; Dong Ho Shin;
   Consumer Electronics, IEEE Transactions on
   Volume 42, Issue 2, May 1996 Page(s):192 - 198
   Digital Object Identifier 10.1109/30.494420
   AbstractPlus | Full Text: PDF(692 KB) IEEE JNL

7. **A CMOS 4× speed DVD read channel IC**
Chun-Sup Kim; Geo-Ok Cho; Yong-Hwan Kim; Bang-Sup Song;
Solid-State Circuits, IEEE Journal of
Volume 33, Issue 8, Aug. 1998 Page(s):1168 - 1178
Digital Object Identifier 10.1109/4.705355
AbstractPlus | References | Full Text: PDF(260 KB) IEEE JNL

8. **Error and flow control in terabit intelligent optical backplanes**
Szymanski, T.H.; Tyan, V.;
Selected Topics in Quantum Electronics, IEEE Journal of
Volume 5, Issue 2, March-April 1999 Page(s):339 - 352
Digital Object Identifier 10.1109/2944.778318
AbstractPlus | References | Full Text: PDF(712 KB) IEEE JNL

9. **Compact disc players in the laboratory: experiments in optical storage, error correction, and optical fiber communication**
Lane, P.M.; Van Dommelen, R.; Cada, M.;
Education, IEEE Transactions on
Volume 44, Issue 1, Feb 2001 Page(s):47 - 60
Digital Object Identifier 10.1109/13.912710
AbstractPlus | References | Full Text: PDF(264 KB) IEEE JNL

10. **Frequency-shaped sliding mode control for flying height of pickup head in near-field optical disk drives**
Wu, W.C.; Liu, T.S.;
Magnetics, IEEE Transactions on
Volume 41, Issue 2, Feb. 2005 Page(s):1061 - 1063
Digital Object Identifier 10.1109/TMAG.2004.842020
AbstractPlus | Full Text: PDF(160 KB) IEEE JNL

11. **2003 Digest of Technical Papers. International Conference on Consumer Electronics (Cat. No.03CH37416)**
Consumer Electronics, 2003. ICCE. 2003 IEEE International Conference on
17-19 June 2003
AbstractPlus | Full Text: PDF(663 KB) IEEE CNF

Track-following control for optical disk drives using an iterative learning scheme

Jung-Ho Moon Moon-Noh Lee Myung Jin Chung Soo Yul Jung Dong Ho Shin
Dept. of Electr. Eng., Korea Adv. Inst. of Sci. & Technol., Seoul, South Korea;

This paper appears in: **Consumer Electronics, IEEE Transactions on**
Publication Date: May 1996
Volume: 42 , Issue: 2
On page(s): 192 - 198
ISSN: 0098-3063
CODEN: ITCEDA
INSPEC Accession Number:5288424
Digital Object Identifier: 10.1109/30.494420
Posted online: 2002-08-06 20:20:25.0

Abstract
In this paper, we propose an iterative learning scheme to deal with the periodic off-track errors in the track-following **control** system for **optical disk** drives. The periodic errors could be taken into account more effectively by employing an iterative learning algorithm since the errors of the previous period are used to improve the performance of current period. We show a sufficient condition for the convergence of the learning algorithm in the presence of bounded modeling uncertainty. In addition, the effects of the initial state error on the tracking performance are analyzed. Finally, the proposed learning algorithm is demonstrated to be feasible through experiments applying it to the track-following **control** for an **optical disk** drive

Index Terms
Inspec
Controlled Indexing
controllers iterative methods **optical disc** storage

Non-controlled Indexing
bounded modeling uncertainty iterative learning scheme **optical disk** drives periodic off-track errors sufficient condition track-following **control**
Author Keywords
Not Available

References

No references available on IEEE Xplore.

Citing Documents

No citing documents available on IEEE Xplore.

View Search Results | Previous Article | Next Article

Track-following control for optical disk drives using an iterative learning scheme

Jung-Ho Moon Moon-Noh Lee Myung Jin Chung Soo Yul Jung Dong Ho Shin
Dept. of Electr. Eng., Korea Adv. Inst. of Sci. & Technol., Seoul, South Korea;

This paper appears in: **Consumer Electronics, IEEE Transactions on**
Publication Date: May 1996
Volume: 42 , Issue: 2
On page(s): 192 - 198
ISSN: 0098-3063
CODEN: ITCEDA
INSPEC Accession Number:5288424
Digital Object Identifier: 10.1109/30.494420
Posted online: 2002-08-06 20:20:25.0

Abstract
In this paper, we propose an iterative learning scheme to deal with the periodic off-track errors in the track-following **control** system for **optical disk** drives. The periodic errors could be taken into account more effectively by employing an iterative learning algorithm since the errors of the previous period are used to improve the performance of current period. We show a sufficient condition for the convergence of the learning algorithm in the presence of bounded modeling uncertainty. In addition, the effects of the initial state error on the tracking performance are analyzed. Finally, the proposed learning algorithm is demonstrated to be feasible through experiments applying it to the track-following **control** for an **optical disk** drive

Index Terms
Inspec
Controlled Indexing
controllers iterative methods optical disc storage

Non-controlled Indexing
bounded modeling uncertainty iterative learning scheme optical disk drives periodic off-track errors sufficient condition track-following control
Author Keywords
Not Available

References

No references available on IEEE Xplore.

Citing Documents

No citing documents available on IEEE Xplore.

View Search Results | Previous Article | Next Article

Refine Search

Search Results -

Terms	Documents
L1 same computer	38

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L2

Refine Search

Recall Text | Clear | Interrupt

Search History

DATE: Monday, December 05, 2005 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
L2	L1 same computer	38	L2
L1	(optical adj1 (disk or disc)) same (control$4 near3 (board or card)) same (external or remote or separate)	95	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 same computer	0

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L3

Refine Search

Recall Text | Clear | Interrupt

Search History

DATE: Monday, December 05, 2005 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L3	L1 same computer	0	L3
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
L2	L1 same computer	38	L2
L1	(optical adj1 (disk or disc)) same (control$4 near3 (board or card)) same (external or remote or separate)	95	L1

END OF SEARCH HISTORY

Freeform Search

Database: US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Term: ((optical adj1 (disk or disc)) near10 (control$4 near3 (board or card))) same (external or remote or separate)

Display: 10 **Documents in Display Format:** - **Starting with Number** 1

Generate: Hit List Hit Count Side by Side Image

Search Clear Interrupt

Search History

DATE: Monday, December 05, 2005 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
L5	((optical adj1 (disk or disc)) near10 (control$4 near3 (board or card))) same (external or remote or separate)	34	L5
L4	((optical adj1 (disk or disc)) near10 (control$4 near3 (board or card))) same (external or remote or separate).ab.	0	L4
L3	(optical adj1 (disk or disc)).ab. and (control$4 near3 (board or card)).ab. and (external or remote or separate).ab.	1	L3
L2	L1 same computer	38	L2
L1	(optical adj1 (disk or disc)) same (control$4 near3 (board or card)) same (external or remote or separate)	95	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
((optical adj1 (disk or disc)) near10 (control$4 near3 (board or card))) same (external or remote or separate)	8

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L6

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Monday, December 05, 2005 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L6	((optical adj1 (disk or disc)) near10 (control$4 near3 (board or card))) same (external or remote or separate)	8	L6
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
L5	((optical adj1 (disk or disc)) near10 (control$4 near3 (board or card))) same (external or remote or separate)	34	L5
L4	((optical adj1 (disk or disc)) near10 (control$4 near3 (board or card))) same (external or remote or separate).ab.	0	L4
L3	(optical adj1 (disk or disc)).ab. and (control$4 near3 (board or card)).ab. and (external or remote or separate).ab.	1	L3
L2	L1 same computer	38	L2
L1	(optical adj1 (disk or disc)) same (control$4 near3 (board or card)) same (external or remote or separate)	95	L1

END OF SEARCH HISTORY